Day



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Confirmation No. 5528

Etsuko NAKAMURA et al.

Attorney Docket No. 2003 1698A

Serial No. 10/721,164

Group Art Unit 1752

Filed November 26, 2003

Examiner Amanda C. Walke

LOWER LAYER MATERIAL FOR WIRING, EMBEDDED MATERIAL, AND WIRING FORMATION METHOD

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

	[X]	each U.S. Patent and U.S. Patent application publication;					
	D	each reference previously cited in the international application PCT/; and/or					
	0	each reference previously cited in prior parent application Serial No.					
la.	[X] This Information Disclosure Statement is submitted:						
	within three months of the filing date (or of entry into the National Stage) of the above entitled application, or						

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. [] This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) [] the certification of paragraph 2 below is provided, or
- (2) [] the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.
- 1c. [] This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 2. It is hereby certified
  - a. [] that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
  - b. [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

- 3. [] Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
- 4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
  - a. [] a full or partial English language translation submitted herewith,
  - b. [] a foreign patent office search report (in the English language) submitted herewith,
  - c. [] the concise explanation contained in the specification of the present application at page,
  - d. [X] the concise explanation set forth in the attached English language abstract,
  - e. [X] the concise explanation set forth below or on a separate sheet attached to the reference:
  - U.S. Patent Application Publication 2002/0139771 corresponds to JP 2002-329714;
  - U.S. Patent No. 6,777,161 correspond to JP 2002-311594;
  - U.S. Patent Application Publication 2002/0142586 corresponds to JP 2002-299441; and
  - U.S. Patent No. 6,764,944 corresponds to JP 2002-093904.
- 5. [] A foreign patent office search report citing one or more of the references is enclosed.
- 6. [] <u>Statement Under 37 CFR 1.704(d)</u>

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Etsuko NAKAMURA et al.

Matthew M. Jacob

Registration No. 25,154

Attorney for Applicants

MJ/kjf Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 August 7, 2006

Sheet 1°of 1 t) i INFORMATION DISCLOSURE STATEMENT													
FORM PTO 1449 (m		TMENT OF COMMERC		ATTY DOCI 2003_16	KET NO.		SERIAL NO. 10/721,164 AUG 0 7 2006						
PAT LIST OF	D TRADEMARK OFFIC	APPLICAN Etsuko N	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\										
	eral sheets if necessary) ed to PTO: August 7, 200		FILING DAT	re er 26, 2003	GROUP 1752								
	U.S. PATENT DOCUMENTS												
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME			SUBCLASS	FILING DATE IF APPROPRIATE				
	AA	6,777,161	8/2004	Yasu	nami et al.								
	АВ	6,764,944	7/2004	Le	ee et al.								
	AC	2002/0142586	10/2002	;	Shiota								
	AD	2002/0139771	10/2002	Jia	ng et al.								
	AE												
	AF												
	AG		_										
	АН					- <del></del>							
	Al												
			FORE	IGN PATENT	DOCUMENTS		1						
	DOCUMENT DATE COUNTRY CLASS SUBCLASS TRANSL YES					TION NO							
	AJ	2002-329714	11/2002		JP								
	AK	2002-311594	10/2002		JP								
	AL	2002-299441	10/2002		JP								
	AM	2002-93904	3/2002		JP								
	AN	2001-183849	7/2001		JP				Abstract				
· <del></del> -	1	OTHER	DOCUMENT(S) (/	ncluding Autho	or, Title, Date, Pertiner	nt Pages, Etc	c.)						
	AO												
	AP	··-											
	AQ												
EXAMINER				DATE CONSIDERE	IDERED								